Data Inquiry Journal Overview



 The cycle of continuous improvement as described in the following slides can support school teams wanting to bring about enduring change in their schools to impact students.



Benefits of Using the Data Inquiry Journal

- Includes essential components for continuous improvement in one tool that supports teams engaging in critical conversations to address gaps and promote equitable outcomes
- Meets requirements for continuous improvement planning in ESEA and IDEA
- Imports local data for analysis which is useful for SLO and PLC practices
- Designed by Wisconsin educators and updated based on user feedback
- Embedded within a secure platform (WISEdash for Districts) to protect student privacy
- Provides a research-based process with elements of implementation science



Aligned to the <u>Continuous Improvement Process</u>

Criteria and Rubric

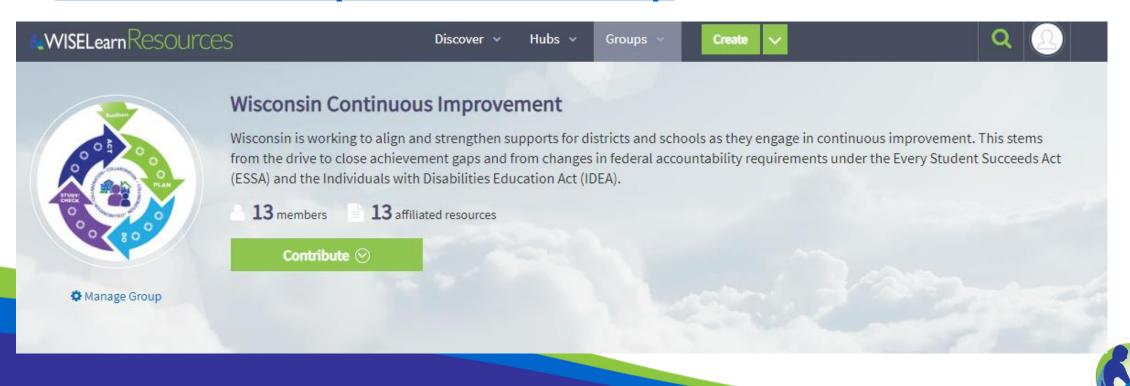


Criteria and Rubric

DRAFT



 Connects tools and resources through <u>WISELearn</u> <u>Continuous Improvement Group</u>



- Technical Assistance Network for Continuous Improvement within your CESA
 - Assistance:
 - Needs Assessment (Data Analysis & Root Cause Analysis)
 - Process for selection of Evidence-Based Improvement Strategy
 - Ongoing Continuous Improvement Planning & Monitoring



Important Note:

 The version within the slides is planned to be released in March 2019.

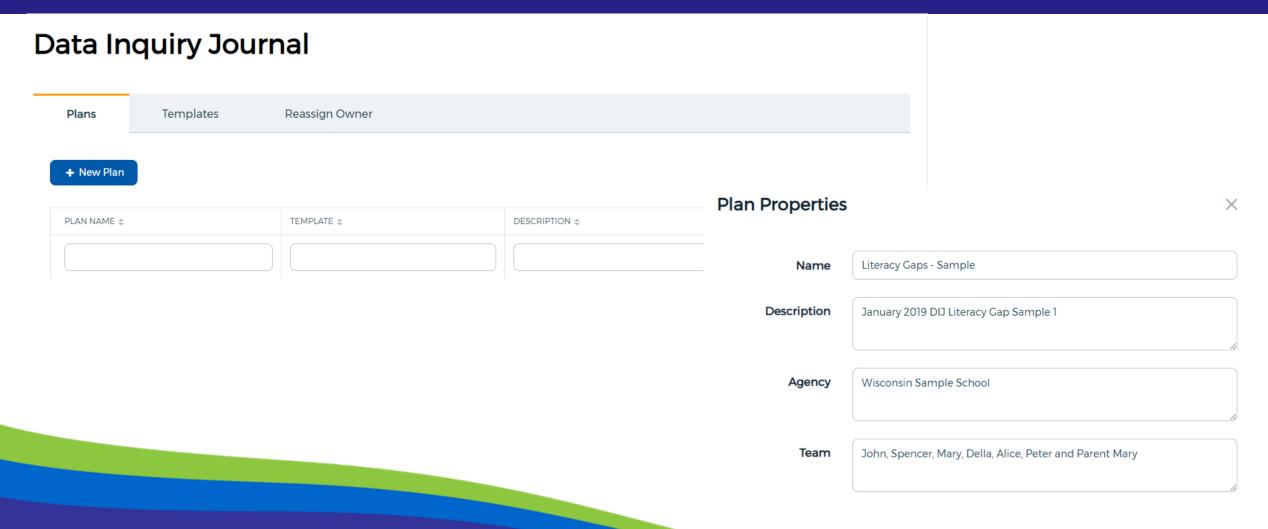


Accessing the Data Inquiry Journal

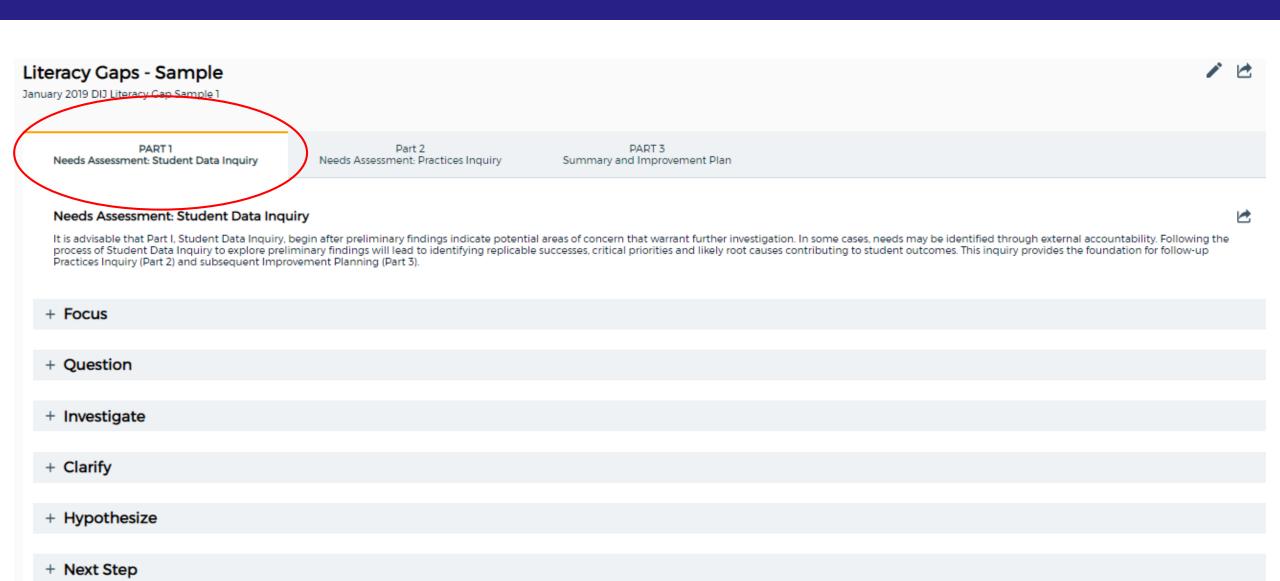




Creating a New Plan

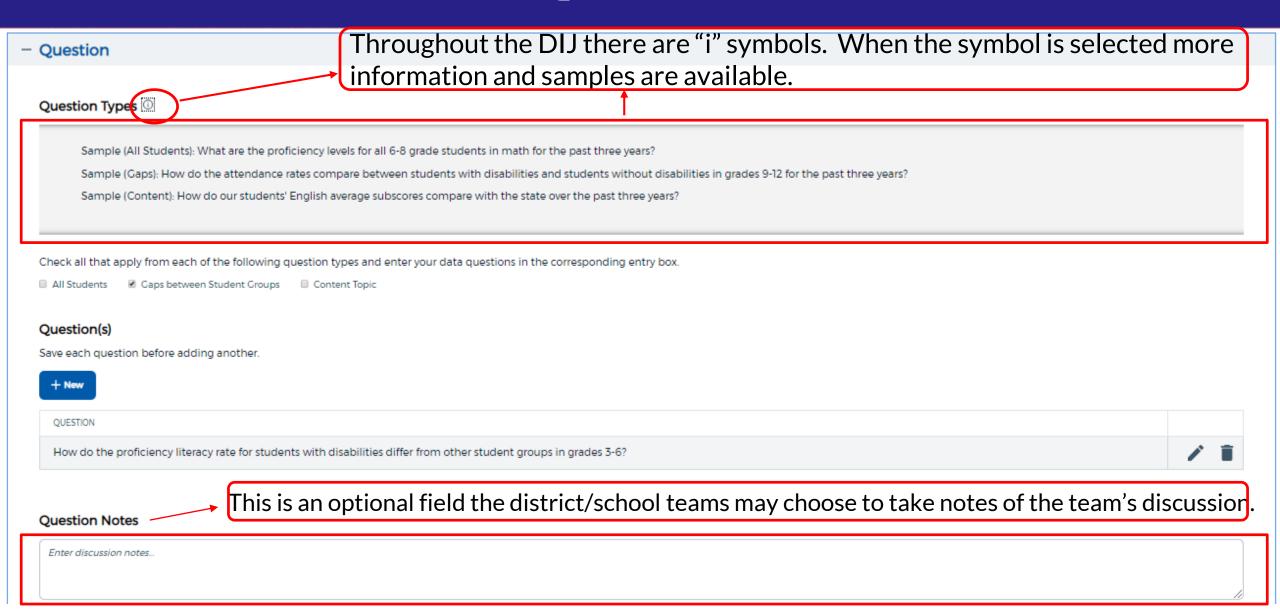


Overview Screen



- Focus				
Purpose				
Describe the purpose for this inquiry and how it is interwoven with o	other school district initiatives, plans an	d other improvement efforts.		
Improvement Planning				
Context				
Select the primary area for inquiry (select one).				
College/Career Readiness Lite	eracy (Math/STEM	Student Engagement	
Other				
Focus Notes				
Enter discussion notes				
Calleges Facus				
— <u>Collapse Focus</u>				

Question



Investigate

 Investigate Investigating the Types of Student Data O The three types of student data to collect and use as indicators of school or district successes and concerns include: achievement, engagement, and perception Upload images of achievement data and evidence collected from multiple state and local sources

The Data Inquiry Journal encourages the team to use multiple data sources during the student inquiry. These sources include achievement, engagement and perception.



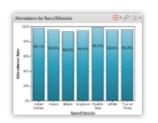


Engagement Data ©

Upload images of engagement data and evidence collected from multiple state and local sources.

2017-18 Forward and DLM ELA Performance by School and Disability Status

Attendance





Upload images of perception data and evidence collected from multiple state and local sources.

Climate Survey

Controls allow user to include selected data from WISEdash for Districts, uploads from other data sources reorder data, add notes to data and make view only.

Clarify

Student Data Findings ①

Observe the collected data, analyze results, and summarize data findings, including trends and patterns.

Save each finding before adding another.



FINDING	TYPE	PERSISTENCE	PRIORITY	
EBD three year trend; 15-16 42.9 (7 students; three proficient); 16-17 16.7% (six students; 1 proficient); 17-18 25% (4 students; 1 proficient) LD all three years 0% proficient (student populations 9-17)	Concern	3+ years	High	/ 1
Gap between SwD proficiency grew from 15-16 15.8%; 16-17 33.5% and 17-18 31.2%	Concern	3+ years	High	/ Î
In 17-18 students with disabilities within the low growth rate is 52%; compared non-disabled 34%	Concern	1 year	High	/ 1
According to the 2017-18 report card 17.7% of students have a disability.	Concern	1 year	Medium	/ 1
Students with Disabilities is within the normal range of 2-4; however the school's VA is 2.8 which is below the state average of 3.	Celebration	1 year	Medium	/ 1

< 1 2 →

Student Outcome Priority Statement ①

Based on the data findings listed above, determine the most critical priority for students.

Based on the Forward ELA exam data and demographic data, the students with disabilities account for 17.7% of the schools population (more that the state average of 12-14%) and attendance rate is lower than students w/o disabilities, there is a persistent gap in achievement has grown by 15.4% and growth (SwD 52% to SwoD 34%).

Clarify Notes

Hypothesize



Hypotheses of Practice: ①

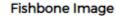
What instructional or leadership practices are possible contributors to the student outcome priority identified? Use and describe a collaborative process to determine the highest likely root cause for the student outcome priority.

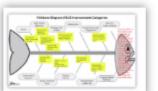
Process Used

Out team used the fishbone diagram and influencer circle to identify likely root causes and prioritize need.

Images of the Team's Root Cause Analysis Process (optional)

Upload images of the process (such as "fishbone" and "influencer circle") below.















Hypothesize

Likely Root Causes ①

Enter each hypothesis of likely root cause in practice generated by team members.

The team will enter the likely root causes from the fishbone activity.



Highest Likely Root Cause

As a team, use a prioritization process to determine the highest likely root cause from the list of hypotheses generated. Enter a single root cause with the highest likelihood of contributing to the Student Outcome Priority Statement

Please click save to record your entry.

The team will enter the highest likely root cause from the influencer circle activity.



HIGHEST ROOT CAUSE IN PRACTICE

Because the students with disabilities are removed from the classroom during literacy instruction they do not have access to universal and grade level content.

CATEGORY OF PRACTICE

Continuum of Supports

-	
_	- 1

Practice Priority Statement

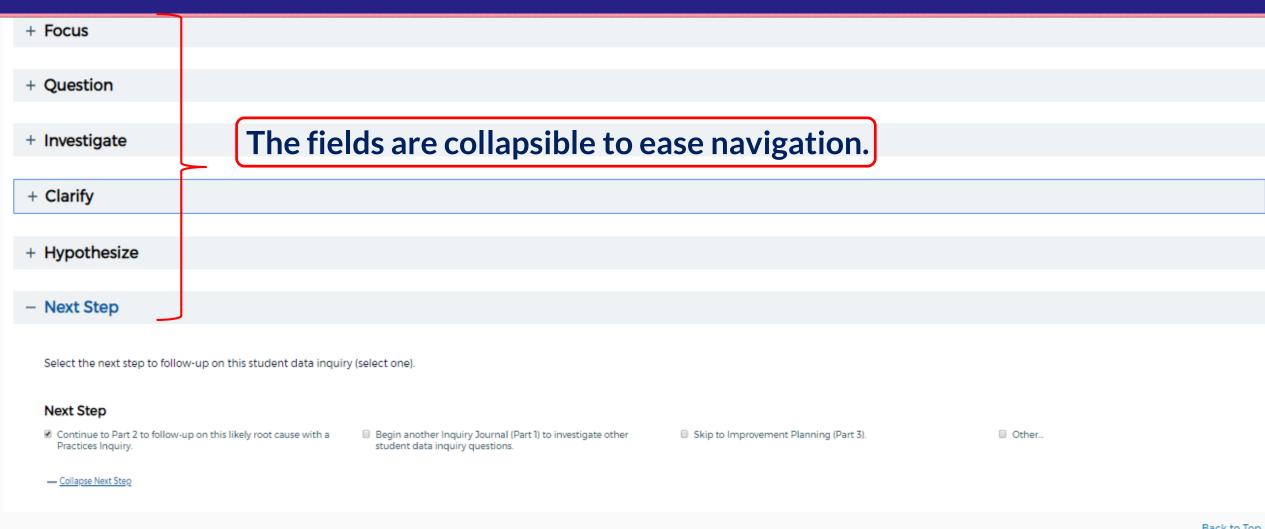
Write a practice priority statement to explain the relationship between Highest Likely Root Cause and the Student Outcome Priority Statement.

We believe we can increase student with disabilities ELA proficiency, if we infuse change our continuum of supports to ensure that special education students are within the classroom during universal instruction, special teachers are involved in co-planning to ensure that universal instructional practices meet the needs of all students and if special education pull-out occurs it is designed to support the learning in the universal literacy classroom.

Hypothesize Notes

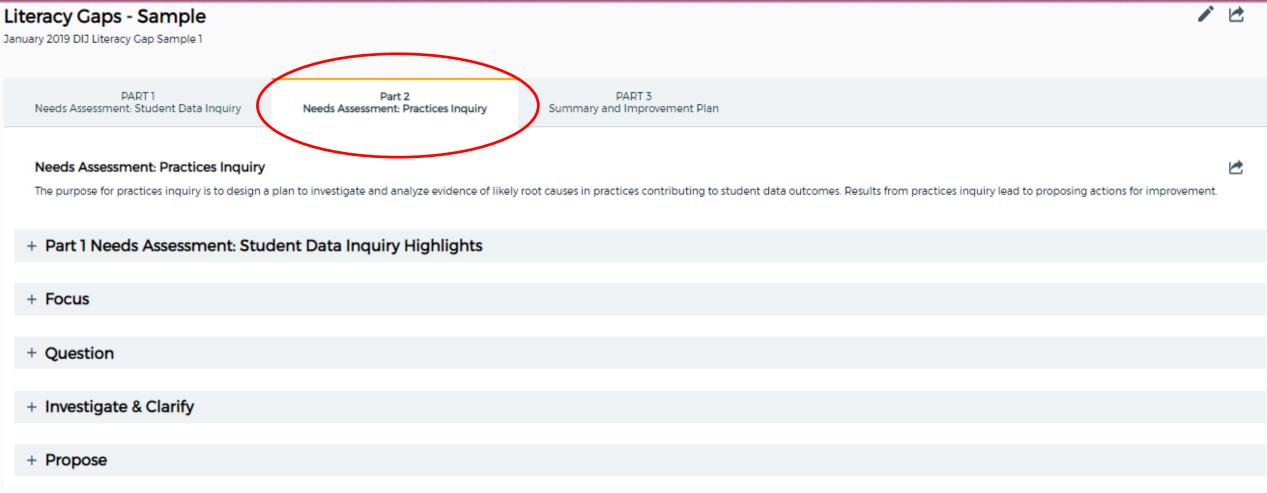
Enter discussion notes...

Next Steps



Back to Top

Overview Screen



Back to Top

Part 1 Needs Assessment: Student Data Inquiry Highlights

Part 1 Needs Assessment: Student Data Inquiry Highlights

This section may have been completed in Part 1. If not, click Complete/Edit.

Student Outcome Priority Statement ①

Cream colored text boxes are pre-populated information from Part 1 that will be useful in Part 2.

Complete/Edi

Based on the Forward ELA exam data and demographic data, the students with disabilities account for 17.7% of the schools population (more that the state average of 12-14%) and attendance rate is lower than students w/o disabilities, there is a persistent gap in achievement has grown by 15.4% and growth (SwD 52% to SwoD 34%).

Highest Likely Root Cause

Create/Edit will link teams to the location of the field in Part 1.

Complete/Edit

+ Nev

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CATEGORY OF PRACTICE

Continuum of Supports

Practice Priority Statement ①

Complete/Edit

We believe we can increase student with disabilities ELA proficiency, if we infuse change our continuum of supports to ensure that special education students are within the classroom during universal instruction, special teachers are involved in co-planning to ensure that universal instructional practices meet the needs of all students and if special education pull-out occurs it is designed to support the learning in the universal literacy classroom.



Evidence-Based Improvement Strategy (1)

Enter an Evidence-Based Improvement Strategy (programs, policies, practices, or products) that is aligned to the Practice Priority Statement above.

Implementation of Universal Design for Learning Practices within the classroom to support all students.

Research the Evidence-Based Improvement Strategy ①

Describe why this improvement strategy is essential to improve the Student Outcome Priority.

UDL is based upon the most widely replicated finding in educational research: learners are highly variable in their response to instruction. In virtually every report of research on instruction or intervention, individual differences are not only evident in the results; they are prominent. However, these individual differences are usually treated as sources of annoying error variance as distractions from the more important? main effects.? UDL, on the other hand, treats these individual differences as an equally important focus of attention. In fact, when viewed through the UDL framework these findings are fundamental to understanding and designing effective instruction. The research that supports UDL falls into four categories: foundational research on implementation of UDL.

Evaluate the Evidence-Based Improvement Strategy ©

Evaluate your evidence-based improvement strategy by collaboratively discussing the following factors: needs, fit, resources, evidence, readiness, and capacity. Record your discussion notes and then respond to each of the following questions.

Needs. Does this program or practice meet identified needs?

resear a dea tria program or procedure

NEEDE NOTES

Based on our data and the principles (Multiple means of engagement to challenge appropriately, to motivate, and to allow learners to express and participate in their interests, Multiple means of representation to allow various ways of acquiring information and linear interests and participate in their interests, Multiple means of representation to allow various ways of acquiring information and linear interests.

Fig. Does the program or practice fit with current initiatives priorities structures supports and parent/community?

· Yes · No

FIT NOTES

Using the practices will help us more fully implement our new high quality literacy instructional materials that are closely aligned to the grade level standards according to EdReports.

We will need to be intentional on making sure that special education teachers have time within their school day to collaborate about the grade level standards and the UDL principles (the appropriate methods to engage and challenge student; appropriate), me

Resources. Are/were resources available for training staffing, technology supports, curricula, data systems and administration?

Yes No

DESCRIBE NOTES

During our third year of implementation of our literacy resource, we have planned further ongoing professional learning and coaching planned. During these planned sessions will integrate the principles of universal design for learning, and include team coaching planned.

Evidence. Is there evidence indicating the outcomes that might be expected if the program or practice is implemented well?

"Yes "No

EVIDENCE NOTES

Above is the evidence to support the implementation of this instructional framework to support the learning needs of all students.

Readiness. Is there readiness for replication of the program or practice, including expert assistance, exemplars for observation and guidance for how to operationalize the program well?

Yes 'No

READINESS NOTES

As we build upon our current implementation of our literacy resource, we explore UDL further: this may include a to visit XXXXX school that is implementing UDL to learn from their successes and OFIs; have the leadership team attend confere cas to build their l

Capacity, is there capacity to implement the practice or program as intended and to sustain and improve implementation over time?

· Yes · No

CAPACITY NOTES

Because we have not had turnover in staff our walk through data shows that educators are increasing in the level implementation of the district literacy resource. For this reason, if we continue to support implementation through UDL lens, it is the hope that staff implement.

Evaluate the Evidence-Based Improvement Strategy

The Hexagon Tool is linked within the "i" symbol. Questions are adapted from the Hexagon Tool to help schools and districts to determine if the selected evidence-based improvement strategy will meet the need identified through evaluation of:

- Need
- Fit
- Resources (Usability)
- Evidence
- Readiness (Supports)
 - Capacity

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Expected Practices at Full Implementation ①

Instructional Practices ①

Enter instructional practices and evidence for the improvement strategy below. Final entry for evidence may need to be adjusted or modified after completing Part 3.

Based on the research completed, the team will enter observable practices when the evidencebased improvement strategy is implemented fully and evidence that may be collected.

INSTRUCTIONAL PRACTICE	EVIDENCE	
Engagement-Optimize individual choice	Walk through data	
Engagement-optimize relevance, value and authenticity	Walk through data, student feedback and self-assessment	
Sustaining Effort & Persistence-increase mastery-oriented feedback	Walk through data, student feedback and self-assessment	
Develop Self Regulation-develop self-assessment and reflection into lessons	self-assessment, lesson plans and student feedback	ì

Leadership Practices ①

Enter the leadership practices and evidence for the improvement strategy below. Final entry for evidence may need to be adjusted or modified after completing Part 3.

Save each practice before adding a new one.

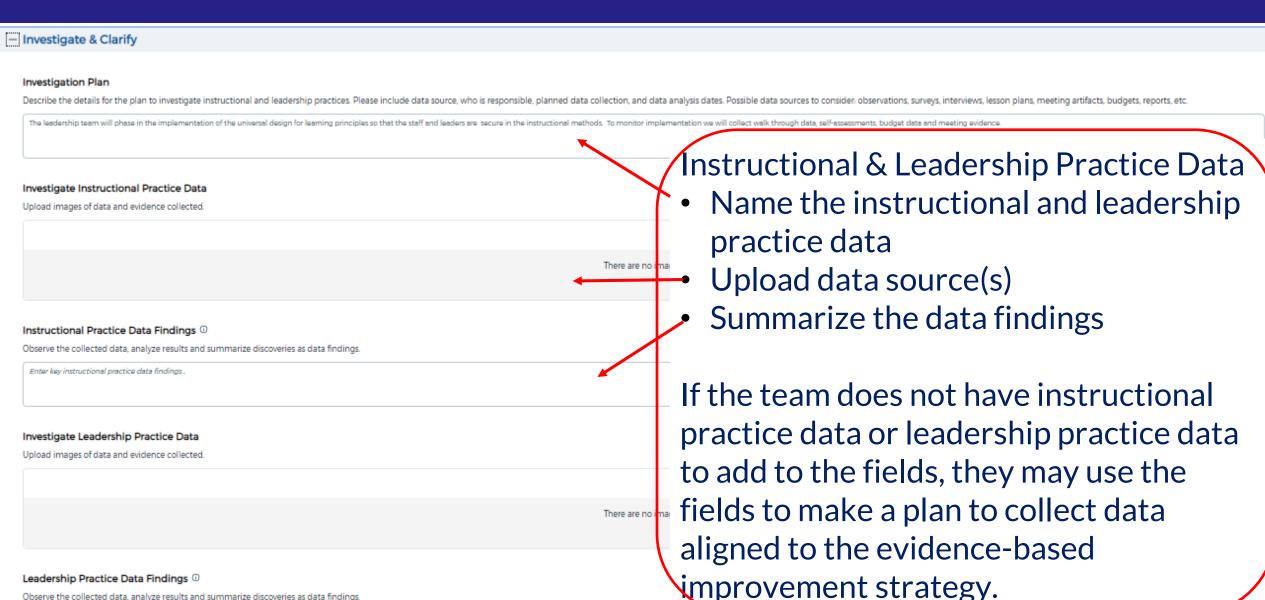


LEADERSHIP PRACTICE	EVIDENCE	
Data Leadership Team will analyze various types of feedback to plan future professional learning and coaching.	Data analysis results and professional learning records	/ I
Data leadership team will communicate regularly and often about celebrations and next steps	News letters and staff meeting notes	/ 1
As the budget will allow, the principal will financially support professional learning aligned to this need	Budget report	/ i

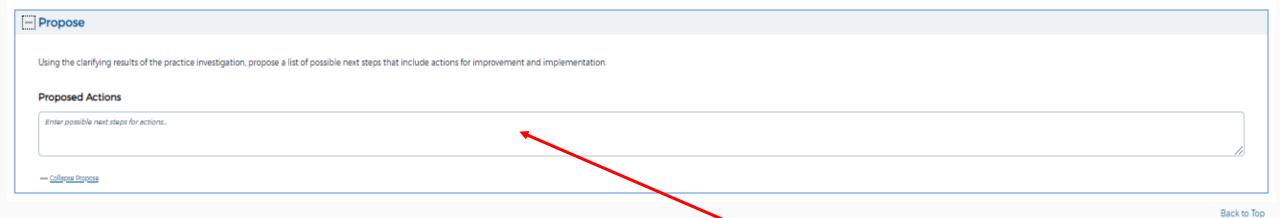
Question

Practice Questions © Enter questions about current practices, based on the description of instructional and leadership behaviors, actions and evaluation of the improvement strategy above. Instructional Practice Question(s): If we implement universal design learning principles within literacy instruction, will our classroom and special education teachers collaboration, coaching and professional learning lead to increased student outcomes? Leadership Practice Question(s): If the school implements universal design learning principles within literacy instruction, how does the school leadership team best support educations to effectively implement to lead to increased student outcomes?
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If the school implements universal design learning principles within literacy instruction, how does the school leadership team best support educations to effectively implement to lead to increased student outcomes?
Notes - Practice Questions
Enter discussion notes
— <u>Collapse Question</u>

Investigate and Clarify



Propose

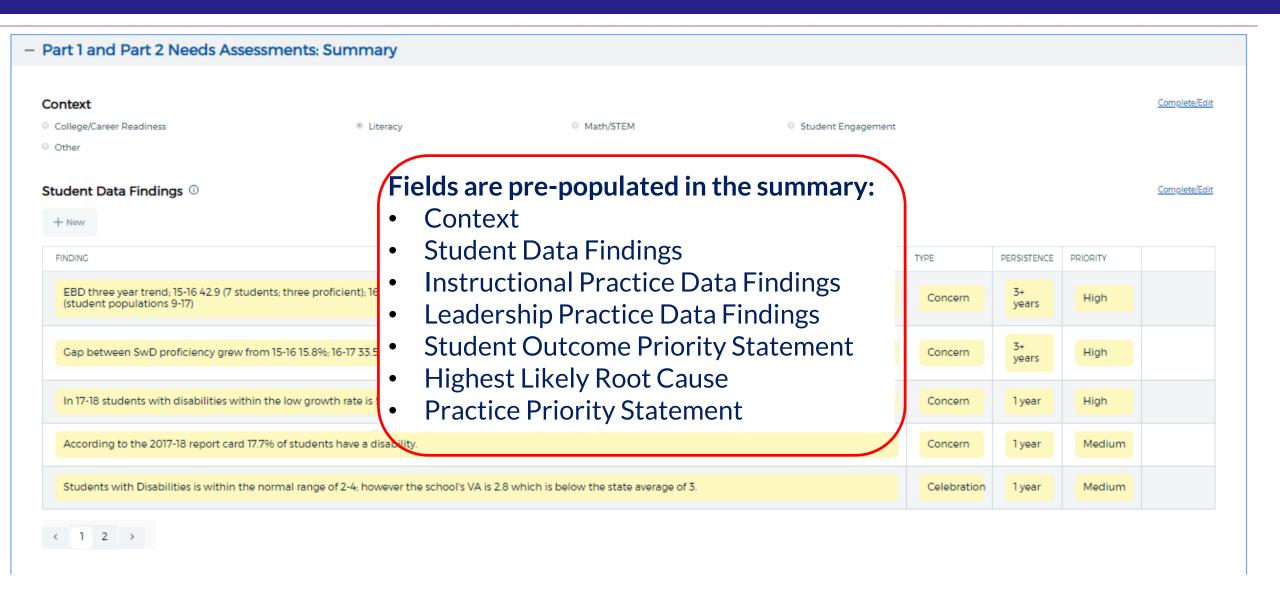


In this optional field, a team may start to brainstorm possible actions.

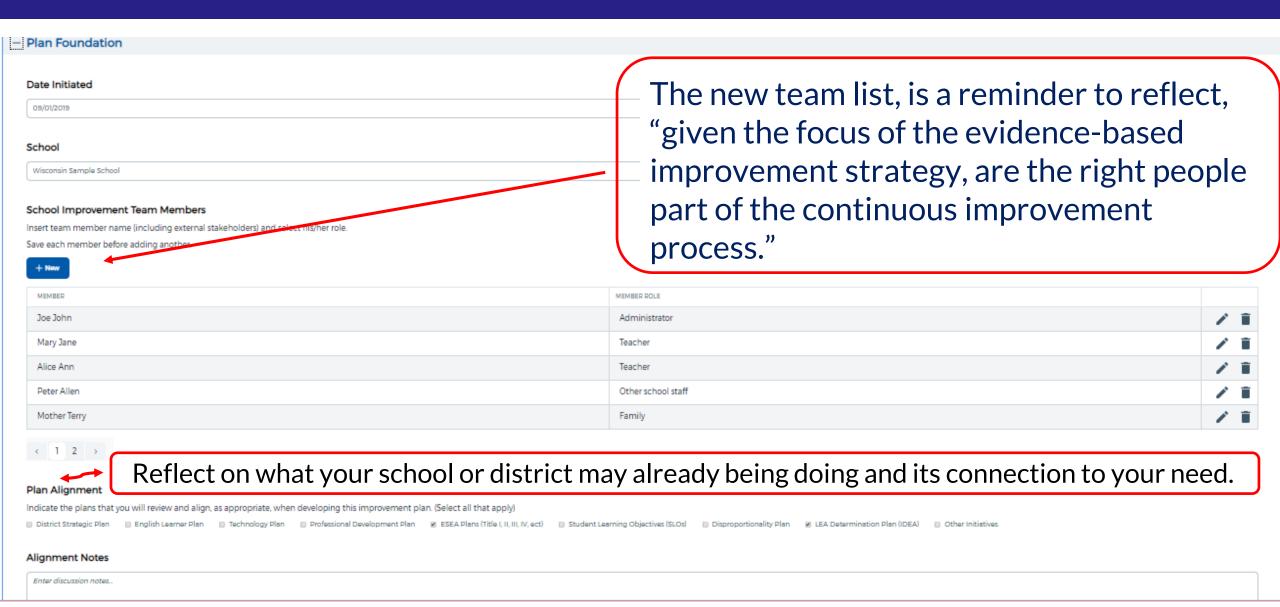
Overview Screen

Data Inquiry Journal **Literacy Gaps - Sample** January 2019 DIJ Literacy Gap Sample 1 Needs Assessment: Student Data Inquiry Needs Assessment: Practices Inquiry Summary and Improvement Plan Summary and Improvement Plan It is advisable that Part 1-Needs Assessment: Student Data Inquiry and Part 2-Needs Assessment: Practices Inquiry be completed prior to developing the Improvement Plan. The purpose for Part 3-Improvement Plan is to design and document the actions that will be taken to improve priority outcomes through rapid cycles of improvement (plan, do, study, act). + Part 1 and Part 2 Needs Assessments: Summary + Plan Foundation + Improvement Plan Strategy + Action Plan + Sustainability Plan

Part 1 & 2 Needs Assessment Summary



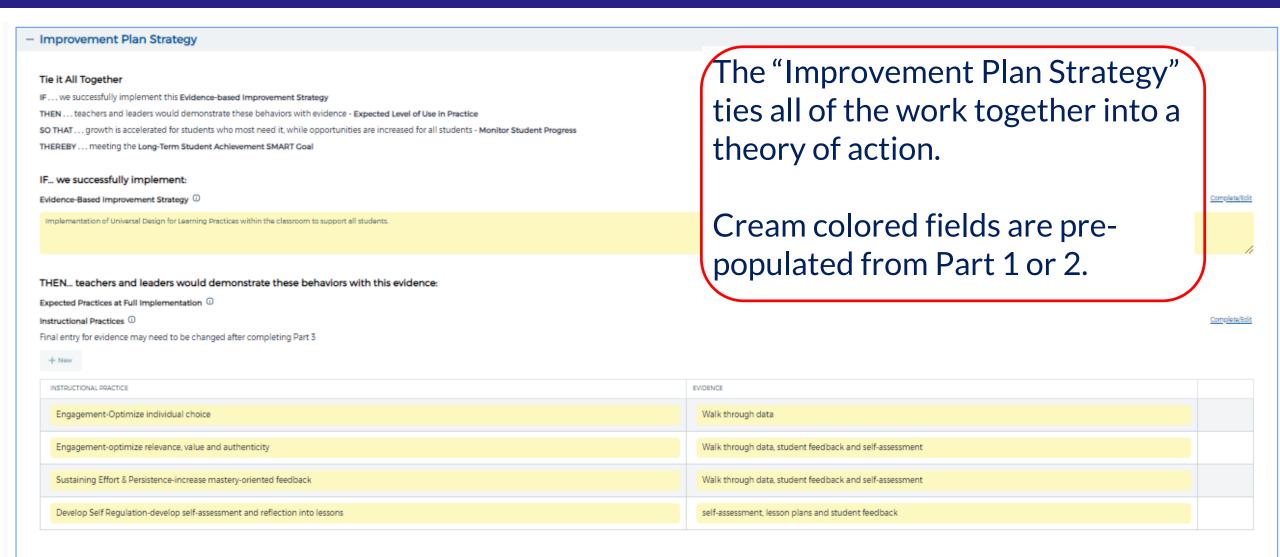
Plan Foundation



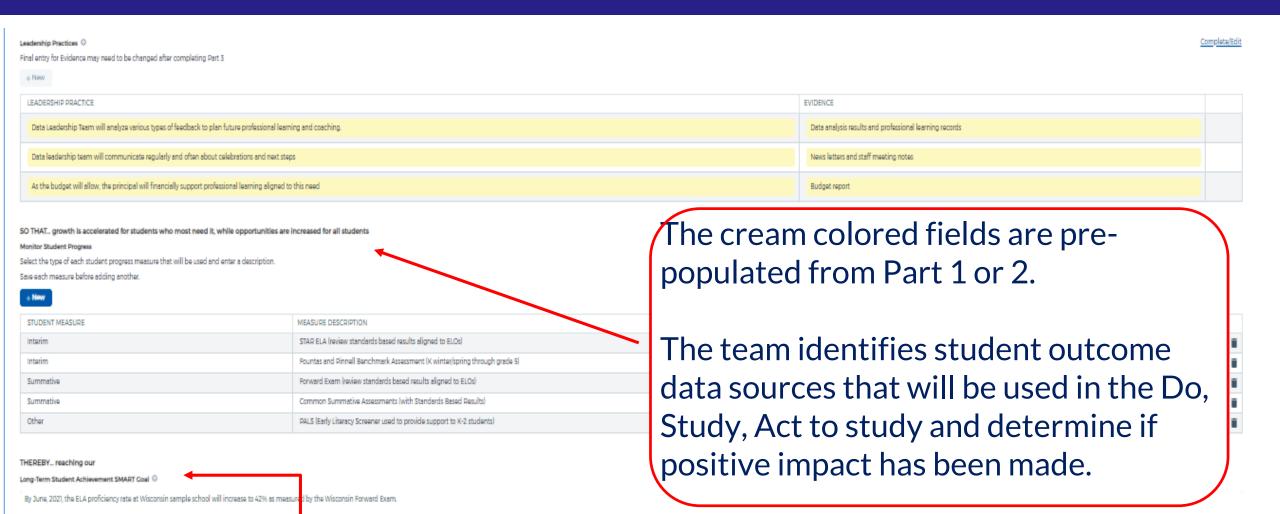
Plan Foundation

Communication Strategy Describe how the school/district will communicate the practicularly to internal and external stakeholders (i.e., staff, families - including EL fam	nilies and community.)
Communication with staff, we will share, get feedback and provide updates during staff meetings; processes allowing time and weekly newsletters.	<u>^</u>
Communication with district: the school leadership includes the director of instruction, and the supervisor for special education. These sections make communication with families, the school leadership team members will meet with PTO members. It annual meeting and family hight to share the focus, get fee	nunication ongoing during monthly school team meetings and bi-weekly leadership meetings. A provide updates during regular meetings
Schedule for Do, Study, Act Cycles	
Enter the start dates for each Do, Study, and Act cycle to be executed in the Action Plan. Enter up to four dates. Do, Study and Act 1 Date	Communication Strategy:
11/01/2019	The team determines how and when it will
Do, Study and Act 2 Date Ol/03/2020	communicate with other stakeholders for updates and feedback
Do, Study and Act 3 Date 03/01/2019	Schedule of Do, Study, Act Cycles:
Do, Study and Act 4 Date 07/01/2020	In addition to the team's regular monthly meetings, the team will determine when
— Colleges Plan Foundation	they will come together, review ongoing progress data, and make additions and/or modifications to the action plan.

Improvement Plan Strategy



Improvement Plan Strategy

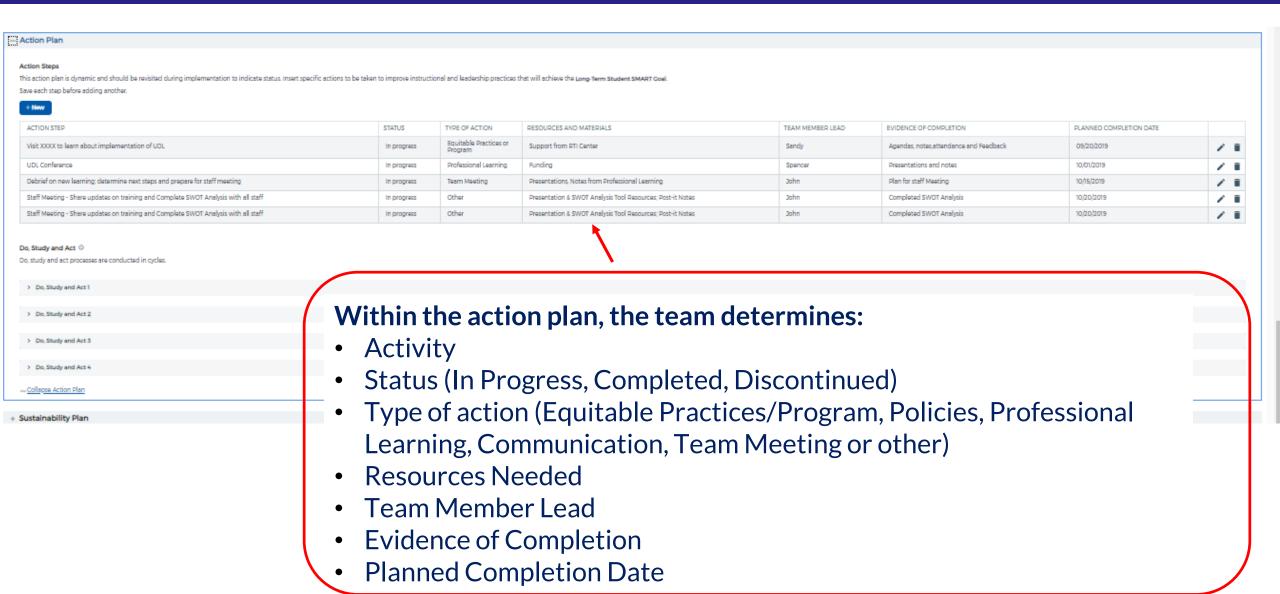


(Current ELA Advance and proficient rate is 33% and the goal is to grow by 3% per year or 2019-36 at 2020-39% and 2021-42%)

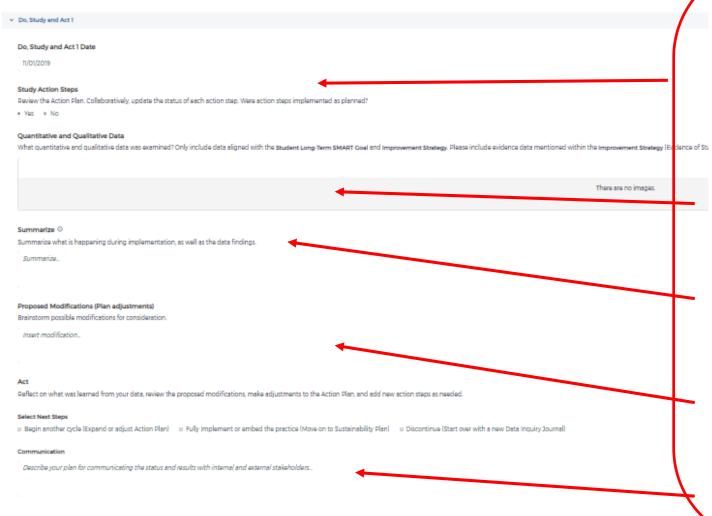
Collapse Improvement Plan Strateg

The team will create a long-term SMART Goal. It is recommended the team determine yearly goals based upon the SMART Goal.

Action Plan



Action Plan: Do, Study Act



At the end of a cycle, the team will come together to determine progress through review:

- Is the action plan being implemented as intended?
- Practice data
- Student outcome data

Summarize progress on the plan and data findings

Propose action plan additions and/or modifications

Communication

Sustainability Plan



Policies and Procedures

Are procedures and policies in place to support this plan? Who is responsible for this?

Save each policy before adding another.



POLICY OR PROCEDURE

PERSON RESPONSIBLE

No data to display.

Resources

Are resources in place to support this plan, including capacity building and funding? Who is responsible for this?

Save each resource before adding another.



RESOURCES

PERSON RESPONSIBLE

No data to display.

Fidelity

How will you measure and ensure fidelity moving forward? How often?

Save each measure before adding another.



FIDELITY MEASURES

PERSON RESPONSIBLE

FREQUENCY

No data to display.

Without continual growth and progress, such words as improvement, achievement, and success have no meaning.



Benjamin Franklin

